

DAC

#12

12-30-2002

Rocheen M Pleasant

Date \_\_\_\_\_

**Signature**



In re Applicant:

8

Confirmation No.: 1059

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RAMKRISHNA PRAKASH

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DAVID M. ABMAYR

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JEFFREY H. HILLAND

8

JAMES FOUTS

8

SCOTT C. JOHNSON

8

WILLIAM F. WHITEMAN

8

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Filed: December 31, 2001

8

Art Unit: 2151

33

Serial No.: 10/039,125

8

Examiner:

3

For: ARCHITECTURAL BASIS FOR  
THE BRIDGING OF SAN AND  
LAN INFRASTRUCTURES

8

Docket No.: H052617.1136US0

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RECEIVED

## BOX DAC

Commissioner of Patents  
Washington, D.C. 20231

JAN 06 2003

OFFICE OF PETITIONS

Dear Commissioner:

On October 30, 2002, the Office of Petitions issued a decision (“Decision”) refusing status under 37 C.F.R. 1.47(a) in response to Applicant’s Petition filed on September 6, 2002. As requested by the Office of Petitions, Applicants believe they has fully complied with the requirements under 37 C.F.R. 1.47(a) for a grantable petition. In support of this, Applicants enclose the following documents:

1. Letter to Mr. Scott C. Johnson dated December 16, 2002, enclosing:
  - a. Patent Application as filed on December 31, 2001;
  - b. Declaration; and
  - c. Assignment;

2. Certified Mail Receipt postmarked by the United States Post Office on December 17, 1002; and
3. Declaration of Rochelle M. Pleasant dated December 30, 2002.

### **REMARKS**

**Inventor James C. Fouts.** On November 21, 2002, Rochelle M. Pleasant emailed inventor James C. Fouts and left a voicemail message for him at his employment on November 21, 2002. On Monday, December 2, 2002, Ms. Pleasant received a response to her email from Mr. Fouts stating he had signed and mailed the signed Declaration on that day. Shortly thereafter, the signed Declaration of James C. Fouts was received and is enclosed herewith for filing.

**Inventor Scott C. Johnson.** After several Internet searches and obtaining additional information concerning non-signing inventor Scott C. Johnson, Ms. Pleasant sent a letter to him via certified mail, return receipt requested, and a copy via first class mail on December 16, 2002 (*see Exhibits 1 and 2*). To this date, the return receipt acknowledging the certified mail delivery has not been received by the undersigned, nor has the package sent via regular mail been returned to us as “undeliverable.” After performing a search and purchasing a “Basic People Locate” report on [www.ussearch.com](http://www.ussearch.com), using the additional information provided by former co-workers of Mr. Johnson, the undersigned believes they have the correct residential information for Mr. Scott C. Johnson (*see Declaration of Rochelle M. Pleasant attached as Exhibit 3*). Applicants have the basis to believe that the Scott C. Johnson of Cleveland, Ohio referenced in the Decision is not the inventor in this application. In fact, recent information as discussed below indicates that inventor Scott C. Johnson resides in Austin, Texas.

Prior to filing this Request for Reconsideration, Ms. Rochelle M. Pleasant, Prosecution Paralegal of the law firm of Akin Gump Strauss Hauer & Feld, LLP (law firm retained by the Assignee of record) attempted to contact Mr. Johnson at his last known home telephone number (512) 310-9311 to discuss this matter, but the message on the answering machine stated “you have reached Shannon and Branna” (*see Exhibit 3, ¶ 7*). A directory assistance search via telephone and Internet does not list a telephone number for Mr. Johnson at his current residence.

However, as of this morning, December 30, 2002, the undersigned just obtained information regarding the current employer of Scott C. Johnson (*see Exhibit 3, ¶ 7*).

**Statement of Last Known Address**

The last known address for Scott C. Johnson is:

Residence Address: Scott C. Johnson  
3612 Galena Hills Loop  
Round Rock, Texas 78681

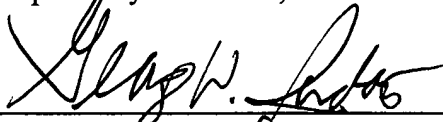
Work Address: Scott C. Johnson  
Surgient Networks, Inc.  
8303 Mopac, Suite C300  
Austin, Texas 78759

**CONCLUSION**

Applicants have made every effort required by the Rule 37 C.F.R. 1.47(a) to obtain the non-signing inventor's cooperation (Mr. Scott C. Johnson), to no avail. Therefore, Applicant respectfully requests that the Office of Petitions grant Applicant's petition filed on September 6, 2002, and allow this case to proceed; or alternatively, allow additional time to obtain the signature of Mr. Johnson in light of the new information received today, the due date for filing this Request.

If any additional fees are required for entry of this Petition, the Commissioner is hereby authorized to charge our Deposit Account No. 16-2435. A duplicate copy of this document is enclosed for your convenience. If the Examiner has any questions, he is requested to contact the undersigned at (713) 220-5800.

Respectfully submitted,

  
\_\_\_\_\_  
George W. Jordan III, Reg. No. 41,880  
ATTORNEY OF RECORD

Date: 12/30/02  
AKIN, GUMP, STRAUSS, HAUER & FELD, L.L.P.  
711 Louisiana, Suite 1900  
Houston, Texas 77002  
Telephone: (713) 220-5800  
Facsimile: (713) 236-0822

AKIN GUMP  
STRAUSS HAUER & FELD LLP

Attorneys at Law



ROCHELLE M. PLEASANT, CLA  
713.250.2133/fax: 713.220.2304  
rpleasant@akingump.com

December 16, 2002

Scott Conrad Johnson  
3612 Galena Hills Loop  
Round Rock, Texas 78681

*Via Certified Mail, RRR #7000 1670 0003 8301 5003  
and First Class mail*

Re: U.S. Patent Application Serial No. 10/039,125  
Entitled: Architectural Basis for the Bridging of SAN and LAN Infrastructures  
Inventors: Ramkrishna Prakash, David M. Abmayr, Jeffrey H. Hilland, James Fouts, Scott C. Johnson and William F. Whiteman  
Our ref: 052617.1136  
Compaq No.: P99-2712 (ISSG-SPD)  
Applicant: Compaq – Houston

Dear Scott:

Enclosed please find the following documents:

1. Patent Application as filed on December 31, 2001;
2. Declaration; and
3. Assignment.

RECEIVED  
JAN 06 2003  
OFFICE OF PETITIONS

Please execute the enclosed Declaration and Assignment concurrently, with the Assignment preferably being executed last *in front of a Notary Public*, and return to our office in the enclosed self-addressed, stamped envelope.

If you refuse to sign the enclosed documents, please indicate so below and return this letter to us in the enclosed self-addressed, stamped envelope. Your cooperation is appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Rochelle M. Pleasant".

Rochelle M. Pleasant, CLA  
Prosecution Paralegal

/enclosures

cc: Susan Scott, M110701  
David R. Clonts (of the Firm)  
Erick Robinson (of the Firm)

052617.1136 HOUSTON 259936 v1

AKIN GUMP  
STRAUSS HAUER & FELD LLP

Attorneys at Law



Scott Conrad Johnson  
Page 2  
December 16, 2002

Re: U.S. Patent Application Serial No. 10/039,125  
Entitled: Architectural Basis for the Bridging of SAN and LAN Infrastructures  
Inventors: Ramkrishna Prakash, David M. Abmayr, Jeffrey H. Hilland, James Fouts, Scott C. Johnson and William F. Whiteman  
Our ref: 052617.1136  
Compaq No.: P99-2712 (ISSG-SPD)  
Applicant: Compaq – Houston

Date: \_\_\_\_\_

“I, Scott C. Johnson, joint inventor of U.S. Application Serial No. 10/039,125, refuse to sign the enclosed Declaration and Assignment.”

\_\_\_\_\_  
Scott C. Johnson  
3612 Galena Hills Loop  
Round Rock, Texas 78681

JOINT INVENTORS  
ORIGINAL**DECLARATION**

As a below named inventor, I hereby declare that: my residence, post office address, and citizenship are as stated below next to my name. I believe I am the original, first, and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**ARCHITECTURAL BASIS FOR THE BRIDGING OF SAN AND LAN INFRASTRUCTURES**

as described in the specification [ ] attached or [ X ] of patent Application Serial No. 10/039,125, filed December 31, 2001 and amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above; that I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application; that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representative or assigns more than twelve months prior to this application; and that I acknowledge the duty to disclose information of which I am aware which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations § 1.56(a). Such information is material when it is not cumulative to information already of record or being made of record in the application, and

- (1) it establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
- (2) it refutes, or is inconsistent with, a position the applicant has taken or may take in:
  - (i) opposing an argument of unpatentability relied on by the Office, or
  - (ii) asserting an argument of patentability.

I hereby claim foreign priority benefits under Title 35, United States Code § 119 of any foreign application(s) for patent or inventor's certificates listed below and have also identified below any foreign application(s) having a filing date before that of the application(s) on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE OF FILING	PRIORITY CLAIMED UNDER 35 USC 119
			YES NO
			YES NO

I hereby claim the benefit under Title 35 United States Code § 120 of any United States application(s) listed below and, insofar as any subject matter of any claim of this application is not disclosed in the prior United States Application, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application: \_\_\_\_\_.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
<b>RAMKRISHNA PRAKASH</b>		
RESIDENCE	CITIZENSHIP	
Houston, Texas	U.S.A.	
MAILING ADDRESS		
19626 Remington Crest Court, Houston, Texas 77094-2977		
FULL NAME OF JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
<b>DAVID M. ABMAYR</b>		
RESIDENCE	CITIZENSHIP	
Spring, Texas	U.S.A.	
MAILING ADDRESS		
18211 Fernbluff Drive, Spring, Texas 77379		

FULL NAME OF JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
<b>JEFFREY H. HILLAND</b>		
RESIDENCE	CITIZENSHIP	
Cypress, Texas	U.S.A.	
MAILING ADDRESS		
12542 Sable Leaf, Cypress, Texas 77429		
FULL NAME OF JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
<b>JAMES FOUTS</b>		
RESIDENCE	CITIZENSHIP	
Bellevue, Washington	U.S.A.	
MAILING ADDRESS		
514-176 Lane N.E., Bellevue, Washington 98008		
FULL NAME OF JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
<b>SCOTT C. JOHNSON</b>		
RESIDENCE	CITIZENSHIP	
Round Rock, Texas	U.S.A.	
MAILING ADDRESS		
3612 Galena Hills, Round Rock, Texas 78681		
FULL NAME OF JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
<b>WILLIAM F. WHITEMAN</b>		
RESIDENCE	CITIZENSHIP	
Cypress, Texas	U.S.A.	
MAILING ADDRESS		
14210 Galvani Drive, Cypress, Texas 77429		

## ASSIGNMENT

WHEREAS, we, RAMKRISHNA PRAKASH, DAVID M. ABMAYR, JEFFREY H. HILLAND, JAMES FOUTS, SCOTT C. JOHNSON and WILLIAM F. WHITEMAN, are joint inventors of ARCHITECTURAL BASIS FOR THE BRIDGING OF SAN AND LAN INFRASTRUCTURES application for United States Letters Patent application Serial No. 10/039,125, filed December 31, 2001; and

WHEREAS, COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P. ("CITG"), a corporation created and existing under and by virtue of the laws of the State of Delaware, is desirous of acquiring the entire right, title and interest in and to the aforesaid invention throughout the world, and all right, title and interest in, to and under any and all Letters Patent of the United States and all other countries throughout the world;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to us in hand paid by CITG and for other good and valuable considerations, the receipt of which is hereby acknowledged, we hereby sell, assign, transfer and set over to CITG, all right, title and interest in and to the said invention throughout the world, and said application for U.S. Letters Patent, and any and all divisions, continuations, reexaminations and reissues thereof, and any and all Letters Patent of the United States and foreign countries which may be granted therefor, the same to be held and enjoyed by CITG for its own use and benefit, and for the use and benefit of its successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of the United States or foreign countries are or may be granted, reexamined or reissued, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application and from any and all divisions, continuations, and reissues thereof, to CITG, as assignee of our entire interest, and hereby covenant that we have the full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith.

And we further hereby covenant and agree that we will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of said invention and to such Letters Patent as may be granted therefor, to CITG, its successors, assigns, or other legal representatives and that if CITG, its successors, assigns or other legal representatives shall desire to file any divisional or continuation applications or to secure a reexamination or reissue of such Letters Patent, or to file a disclaimer relating thereto, will upon request, sign all papers, make all rightful oaths and do all lawful acts requisite for the filing of such divisional or continuation application, or such application for reissue and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

And we do further covenant and agree that we will, at any time upon request, communicate to CITG, its successors, assigns or other legal representatives, such facts relating to said invention and Letters Patent or the file history thereof as may be known to us, and



testify as to the same in any interference or other litigation when requested so to do, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

EXECUTED THIS \_\_\_\_ day of \_\_\_\_\_, 2002.

\_\_\_\_\_  
RAMKRISHNA PRAKASH

STATE OF TEXAS

§

COUNTY OF HARRIS

§

§

BEFORE ME, the undersigned authority, on this day personally appeared RAMKRISHNA PRAKASH, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this \_\_\_\_ day of \_\_\_\_\_, 2002.

\_\_\_\_\_  
NOTARY PUBLIC IN AND FOR THE  
STATE OF TEXAS

\* \* \* \* \*

EXECUTED THIS \_\_\_\_ day of \_\_\_\_\_, 2002.

\_\_\_\_\_  
DAVID M. ABMAYR

STATE OF TEXAS

§

COUNTY OF HARRIS

§

§

BEFORE ME, the undersigned authority, on this day personally appeared DAVID M. ABMAYR, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this \_\_\_\_ day of \_\_\_\_\_, 2002.

\_\_\_\_\_  
NOTARY PUBLIC IN AND FOR THE  
STATE OF TEXAS

\* \* \* \* \*

EXECUTED THIS \_\_\_\_ day of \_\_\_\_\_, 2002.

\_\_\_\_\_  
JEFFREY H. HILLAND

STATE OF TEXAS

§

§

COUNTY OF HARRIS

§

BEFORE ME, the undersigned authority, on this day personally appeared JEFFREY H. HILLAND, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this \_\_\_\_ day of \_\_\_\_\_, 2002.

\_\_\_\_\_  
NOTARY PUBLIC IN AND FOR THE  
STATE OF TEXAS

\* \* \* \* \*

EXECUTED THIS \_\_\_\_ day of \_\_\_\_\_, 2002.

\_\_\_\_\_  
JAMES FOUTS

STATE OF WASHINGTON

§

§

COUNTY OF \_\_\_\_\_

§

BEFORE ME, the undersigned authority, on this day personally appeared JAMES FOUTS, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this \_\_\_\_ day of \_\_\_\_\_, 2002.

\_\_\_\_\_  
NOTARY PUBLIC IN AND FOR THE  
STATE OF WASHINGTON

\* \* \* \* \*

EXECUTED THIS \_\_\_\_ day of \_\_\_\_\_, 2002.

\_\_\_\_\_  
SCOTT C. JOHNSON

STATE OF TEXAS           §  
                                  §  
COUNTY OF TRAVIS       §

BEFORE ME, the undersigned authority, on this day personally appeared SCOTT C. JOHNSON, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this \_\_\_\_ day of \_\_\_\_\_, 2002.

\_\_\_\_\_  
NOTARY PUBLIC IN AND FOR THE  
STATE OF TEXAS

\* \* \* \* \*

EXECUTED THIS \_\_\_\_ day of \_\_\_\_\_, 2002.

\_\_\_\_\_  
WILLIAM F. WHITEMAN

STATE OF TEXAS           §  
                                  §  
COUNTY OF HARRIS       §

BEFORE ME, the undersigned authority, on this day personally appeared WILLIAM F. WHITEMAN, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this \_\_\_\_ day of \_\_\_\_\_, 2002.

\_\_\_\_\_  
NOTARY PUBLIC IN AND FOR THE  
STATE OF TEXAS



## APPLICATION FOR PATENT

**TITLE:** ARCHITECTURAL BASIS FOR THE BRIDGING OF SAN AND LAN INFRASTRUCTURES

**INVENTORS:** RAMKRISHNA PRAKASH, DAVID M. ABMAYR, JEFFREY R. HILLAND, JAMES FOUTS, SCOTT C. JOHNSON, and WILLIAM F. WHITEMAN

## SPECIFICATION

### CROSS-REFERENCE TO RELATED APPLICATIONS

**[0001]** Not applicable.

### STATEMENTS REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT

**[0002]** Not applicable.

### REFERENCE TO A MICROFICHE APPENDIX

**[0003]** Not applicable.

## BACKGROUND OF THE INVENTION

### 1. Field of the Invention

**[0004]** The invention relates to architectures that utilize multiple servers connected in server clusters to manage application and data resource requests.

### 2. Description of the Related Art

**[0005]** The exponential increase in the use of the Internet has caused a substantial increase in the traffic across computer networks. The increased traffic has accelerated the demand for network designs that provide higher throughput. As shown in FIG. 1, one approach to increasing throughput has been to replace powerful stand-alone servers with a network of multiple servers, also known as distributed Internet server arrays (DISAs). In their most simplest form, DISAs utilize a shared transaction architecture such that each server receives an incoming transaction in a round-robin fashion. In a more sophisticated form,

DISAs utilize load balancing techniques that incorporate distribution algorithms that are more complex. In any case, load balancing is intended to distribute processing and communications activity among the servers such that no single device is overwhelmed.

[0006] Typically, and as shown in FIG. 1, DISAs 410, like local area networks (LANs) 420, and particularly LANs 420 connected to the Internet 430, transmit data using the Transmission Control Protocol/Internet Protocol (TCP/IP), see LAN connections 415 in FIG. 1. The TCP/IP protocol was designed for the sending of data across LAN-type architectures. However, DISAs 410, unlike LANs, contain a limited number of server nodes and are all generally located in very close proximity to one another. As such, DISAs 410 do not face much of the difficulties associated with transactions traveling over LANs 420, and as such, do not need much of the functionality and overhead inherent to the TCP/IP protocol. When DISAs are required to use TCP/IP, for example, and as shown by the solid line connections 415, such DISAs are disadvantaged by having to encapsulate and de-encapsulate data as it is travels within the cluster of servers. In fact, as the industry has provided LAN interconnects significantly larger than 100 Mb, i.e., 1 Gb and larger, both application and data resource servers have spent disproportionate amounts of Central Processing Unit (CPU) time processing TCP/IP communications overhead, and have experienced a negative impact in their price/performance ratio as a result. Therefore, although the use of TCP/IP protocol makes sense for transactions traveling across LANs, its use makes less sense for transactions traveling strictly within a DISA.

#### BRIEF SUMMARY OF THE INVENTION

[0007] Briefly, an illustrative system provides an architecture and method of using a router node to connect a LAN to a server cluster arranged in a System Area Network (SAN). The router node is capable of distributing the LAN based traffic among the SAN server nodes. The LAN uses a LAN based protocol such as TCP/IP. While the SAN uses a SAN based protocol such as Next Generation I/O (NGIO), Future I/O (FIO) or INFINIBAND. The illustrative system, unlike systems where SANs use a LAN based protocol, is able to achieve greater throughput by eliminating LAN based processing in portions of the system.

**[0008]** To achieve this functionality, the router node and the cluster nodes have agents to control the flow of transactions between the two types of nodes. The router node contains a router management agent and a filter agent. The router management agent contains three additional agents: session management agent, policy management agent and routing agent. The session management agent is responsible for management of the connections between a remote client and a cluster node via a router node. The policy management agent holds and controls the policies under which the system operates. The routing agent works with the filter agent to direct incoming LAN service requests and data to the appropriate cluster node. The filter agent performs address translation to route packets within the SAN cluster and the LAN.

**[0009]** The cluster nodes contain a node management agent. The node management agent contains a session management agent and a policy management agent. These session management agents and policy management agents perform the cluster node portion of the same functionality as their counter parts in the router node. One of the cluster nodes is selected as the management node and sets the policies on the router. The management node also includes an additional agent, the monitoring agent, which enables the management node to query the router node on a variety of statistics.

#### BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWINGS

**[0010]** A better understanding of the present invention can be obtained when the following detailed description of the disclosed embodiment is considered in conjunction with the following drawings, in which:

Figure 1 is a component diagram showing a typical LAN-DISA architecture utilizing a LAN based protocol;

Figure 2 is a block diagram showing a LAN-SAN architecture where both LAN based and SAN based protocols are used;

Figure 3 is a component diagram showing a LAN-SAN architecture where both LAN based and SAN based protocols are used;

Figure 4 is a block diagram showing the LAN-SAN architecture in greater detail including each of the multiple agents utilized in the disclosed embodiments;

Figure 5 shows the format of the policy table; and

Figure 6 shows the format of the session table.

## DETAILED DESCRIPTION OF THE INVENTION

**[0011]** As shown in FIGS. 2 and 3, the disclosed embodiments include all the functionality present in traditional DISA load balancing. However, unlike traditional DISAs that use the same protocols as the LANs they are connected to, i.e., TCP/IP, the disclosed embodiments instead use DISAs which operate under separate System Area Networks SAN based protocols. SAN based protocols are used in SAN-type architectures where cluster nodes are located in close proximity to one another. SAN based protocols provide high speed, low overhead, non-TCP/IP and highly reliable connections. By using such SAN based protocols DISAs are able to take advantage of the processing efficiencies associated with SAN based protocols such as NGIO, FIO and INFINIBAND, all of which are optimally suited for stand alone server clusters or SANs. This dual approach of having separate protocols for connected LANs and SANs allows the burden of the TCP/IP processing to be offloaded from application and data resource servers to router nodes which allows each type of node to concentrate on what it does best. Further, each of the different types of devices can be optimized to best handle the type of work they perform. The disclosed embodiments accommodate higher bandwidth TCP/IP processing than that found in traditional server networks.

**[0012]** As shown in FIGS. 2 and 4, the Cluster or Server SAN Nodes 20, made up of application server nodes 220 and data resource server nodes 210, are connected to one another via a SAN 40. As shown in FIGS. 2-4, the SAN 40 in turn is connected to a Router Node 10. The Router Node 10 is thereafter connected to the LAN 30. Further, in greater detail as shown in FIGS. 2-4, the Cluster Nodes 20 are attached to one or more Router Nodes 10 via a SAN 40. The Router Node 10 may be thereafter connected to a firewall 70 via a LAN 30, as shown in FIG. 3. Finally, the firewall 70 may be connected to the Internet 50 via a WAN 60 connection, as shown in FIG. 3. Other architectures connecting a SANs and LANs could also be used without departing from the spirit of the invention.

**[0013]** FIG. 4 shows a detailed view of the disclosed embodiment. As shown, the Router Node 10 is connected at one end, to the LAN 30 through a LAN network interface controller (NIC) 170 using a TCP/IP connection, and at the other end, is connected through a SAN NIC 100 to the SAN 40 running a SAN based protocol such as NGIO, FIO or INFINIBAND. The Router Node 10 provides the translation function between the LAN protocol and the SAN

protocol and distributes LAN originated communications across the Cluster Nodes 20. Also connected to the SAN 40 are Cluster Nodes 20. As a result, the SAN protocol is used for communication within the cluster and the LAN protocol is used for communication outside the cluster. Although the LAN and SAN protocols mentioned above can operate in conjunction with the disclosed embodiments, other LAN and SAN protocols may also be used without departing from the spirit of the invention.

**[0014]** Although only one Router Node 10 is depicted, it is contemplated that multiple Router Nodes 10 may be used. If multiple Router Nodes 10 are used, they may be so arranged as to perform in a fail-over-type functionality, avoiding a single point of failure. In the fail-over-type functionality, only one Router Node 10 would be functioning at a time. But, if the node was to fail, the next sequential Router Node 10 would take over. Such an arrangement would provide protection against losing communications for an extended period of time. Alternatively, if multiple Router Nodes 10 are used, they may be arranged such that they each work in parallel. If this parallel functionality were imposed, all of the Router Nodes 10 would be able to function at the same time. This architecture would likely allow greater throughput for the system as a whole since the data processing time to process TCP/IP packets that pass through a Router Node 10 is comparatively slow to the speed at which the requests can be handled once reaching a SAN 40. Thus, in this architecture, enough Router Nodes 10 could be added to the system to balance the rate at which requests are received by the system (LAN activity) and the rate at which the system is able to process them (SAN activity).

**[0015]** As shown in FIG. 4, the Router Node 10 is made up of a Router Management Agent (RMA) 130 and a Filter Agent 140. The RMA 130 interacts with the Node Management Agent (NMA) 230, described below, to implement distribution policies and provide statistical information of traffic flow. The RMA 130 is further comprised of a Policy Management Agent 136 (PMA), Session Management Agent (SMA) 134, and a Routing Agent 132. The PMA 136 is responsible for setting up the service policies and routing policies on the Router Node 10. It is also responsible for configuring the view that the Router Node 10 presents to the outside world. The SMA 134 is responsible for the management of a session. A session is a phase that follows the connection establishment phase where data is transmitted between a Cluster Node 20 and a Remote Client 80 (such as a node in a LAN cluster) via the Router Node 10. Among other functions, the SMA 134 is



responsible for the “tearing down” or closing of a session connection between a Cluster Node 20 and a Router Node 10. A Routing Agent 132 is the software component of the RMA 130 responsible for maintaining the Policy Table and routing policies, i.e., the connection information. The Routing Agent 132 works in conjunction with the Filter Agent 140 to direct incoming TCP/IP service requests, as well as data, to the appropriate Cluster Node 20. The Filter Agent 140 is responsible for conversion between the LAN protocol, i.e., TCP/IP, and the SAN protocol and vice-versa.

**[0016]** The Cluster Nodes 20 include a Node Management Agent (NMA). The NMA 230 further comprises a PMA 136, SMA 134 and a Monitoring Agent 236. Here, the PMA 136 and the SMA 134 perform similar functions to the corresponding agents in the Router Node 10, but do so for the Cluster Node 20. One or more of the Cluster Nodes 20 are designated as a Management Node 28 and sets policies on the Router Node 10. This Management Node 28 contains the only Cluster Node 20 with an Monitoring Agent 236. The Monitoring Agent 236, provides the means to obtain various statistics from the Router Node 10. It may work with the PMA 136 to modify routing policy based on statistical information.

## USE AND OPERATION OF DISCLOSED EMBODIMENTS

### Generally

**[0017]** Like typical LAN service requests and grant transactions, the disclosed embodiments interface with the LAN 30 via a socket type interface. A certain number of such sockets are assumed to be ‘hailing ports’ through which client-requests are serviced by the servers. Once the server accepts a client request, it establishes communication with it via a dedicated socket. It is through this dedicated socket that further communications between the server and the client proceeds until one of the two terminates the connection. It should be noted that the operations of the disclosed embodiments are unaffected by whether LAN 30 is a stand alone LAN, or whether LAN 30 is connected with other LANs to form a WAN, i.e. the Internet.

**[0018]** In the disclosed embodiment, the Router Node 10 is responsible for ensuring that the data from a Remote Client 80 connection gets consistently routed to the appropriate Cluster Node 20. The main purpose of Router Node 10, in acting as a bridge between the Remote Client 80 and a Cluster Node 20, is to handle the TCP/IP processing and protocol

conversions between the Remote Client 80 and the Cluster Nodes 20. This separation of labor between Router Node 10 and Cluster Node 20 reduces processing overhead and the limitation otherwise associated with Ethernet rates. Further, the Router Node can be optimized in such a manner as to process its protocol conversions in the most efficient manner possible. In the same manner Cluster Nodes 20 can be optimized to perform its functions as efficiently as possible. In operation, the Router Node 10 probes the header field of incoming and outgoing packets to establish a unique connection between a remote client and a SAN Cluster Node 20. In the disclosed embodiment the set of Cluster Nodes 20 are viewed by Remote Clients 80 as a single IP address. This architecture allows the addition of one or more Cluster Nodes 20 in a manner that is transparent to the remote world. It is also contemplated that multiple IP addresses could be used to identify the set of Cluster Nodes 20, and which would allow the reservation of a few addresses for dedicated virtual pipes with a negotiated quality of service.

#### Connection Setup

**[0019]** The Filter Agent 140 in the Router Node 10 performs any address translation between the LAN and SAN protocols. The extent of filtering is based on the underlying transport semantics adopted for SAN infrastructure, i.e., NGIO, FIO, INFINIBAND, etc. The connection between a Remote Client 80 and a Cluster Node 20 is setup via a two phase procedure. The first phase and second phase are called the Connection Establishment Phase and the Session Establishment Phase, respectively.

#### Connection Establishment Phase

**[0020]** In the Connection Establishment Phase, the Router Node 10 receives a request for connection from a Remote Client 80, and determines, based on connection information in the Policy Table, to which Cluster Node 20 to direct the request. FIG. 5 is an example of a Policy Table which comprises four fields: Service Type, Eligibility, SAN Address and Weight. The Router Node 10 first determines, by probing the incoming TCP/IP packet, the type of service (service request type) for which the Remote Client 80 is requesting a connection. Based on the requested service, the Router Node 10 determines the type of authentication (authentication type) that is required for the requestor. The Eligibility field in the Policy Table encodes the type of authentication required for the service. The procedure to authenticate a requestor may range from being a simple domain based verification to those

based on encryption standards like Data Encryption Standard (DES), IP Security (IPSEC), or the like. Once the requestor has been authenticated the eligible Cluster Nodes 20 capable of servicing the request are determined. Subsequently, one of these eligible Cluster Nodes 20 is selected based on the load balancing policy encoded for the particular service. The Weight field in the Policy Table contains a weighting factor that indicates the proportion of connection requests that can be directed to a particular Cluster Node 20 compared to other Cluster Nodes 20 for a given service. This Weight field is used by the load balancing routine to determine the Cluster Node 20 that would accept this request. Once the Cluster Node 20 has been identified to service the Remote Client 80, the Connection Establishment Phase is complete. The Router Node 10 then communicates with the Cluster Node 20 and completes the establishment of the connection.

#### Session Establishment Phase

[0021] In the Session Establishment Phase, once the connection with the Cluster Node 20 is established, an entry is made in the Session Table for this connection so that subsequent data transfers between the Remote Client 80 and the Cluster Node 20 can be routed correctly. The Session Table, as shown in FIG. 6, containing session information, is stored on the Router Node 10 and comprises five fields which are used by the Router Node 10 to dynamically route incoming and outgoing packets to their appropriate destinations: SRC MAC, SRC IP, SRC TCP, DEST SAN and Session. These five fields are stored because they uniquely qualify (identify) a connection. The first three, SRC MAC, SRC IP, and SRC TCP, handle the LAN side, and the last two, DEST SAN and Session Handle, handle the SAN side. Using this information along with a hashing function or a channel access method (CAM), incoming or outgoing traffic can be sent to their correct destinations. Also, those parts of the Session Table on the Router Node 10 that are associated with the session to a particular Cluster Node 20 are stored on the respective Cluster Node 20.

#### Management Agents

[0022] Two Management Agents, the PMA 136 and the SMA 134, portions of which exist on both the Router Node 10 and each Cluster Node 20, and specifically, within the RMA 130 and NMA 230 respectively, are involved in determining the services provided by the Cluster Nodes 20, and handling the requests from Remote Clients 80. In addition to all the common functions that the PMAs 136 on the Cluster Nodes 20 perform, one or more

Cluster Nodes 20 are designated as Monitoring Agents 236 and are responsible for functions that involve cluster wide policies.

#### Policy Management Agent

[0023] The PMAs 136, existing on both the Router Nodes 10 and Cluster Nodes 20, and the RMA 130 and NMA 230 respectively, enable the Cluster Nodes 20 and Router Nodes 10 to inform and validate the services that each other expect to support. When the Cluster Node 20 is enabled, the PMA 136 on the Cluster Nodes' 20 Management Node 28 informs the Router Node 10, via entries in the Policy Table, see FIG. 3, of which services on what Cluster Nodes 20 are going to be supported. In addition, the Management Node 28 identifies the load-balancing policy that the Router Node 10 should implement for the various services. The load-balancing strategy may apply to all of the Cluster Nodes 20, or to a particular subset. The Management Node 28 is also involved in informing the Router Node 10 of any authentication policies associated with the services handled by the Cluster Nodes 20. Such authentication services (authentication types) may be based on service type, Cluster Node 20 or requesting Remote Client 80.

[0024] Once the cluster wide policies are set, each Cluster Node 20 informs the Router Node 10 when it can provide the services that it is capable of providing. Any Cluster Node 20 can also remove itself from the Router Nodes' 10 list of possible candidates for a given service. However, prior to refusing to provide a particular service, the Cluster Node 20, should ensure that it does not currently have a session in progress involved with that service. The disassociation from a service by a Cluster Node 20 may happen in a two stage process: the first involving the refusal of any new session, followed by the termination of the current session in a graceful and acceptable manner. Further, any Cluster Node 20 can similarly, and under the same precautions, remove itself as an active Cluster Node 20. This can be done by removing itself from its association with all services or the Cluster Node 20 can request that its entry be removed, i.e., that its row in the Policy Table be deleted.

#### Session Management Agent

[0025] The SMAs, existing on both the Router Nodes 10 and the Cluster Nodes 20, and the RMA 130 and NMA 230 respectively, are responsible for making an entry for each established session between a Remote Client 80 and a Cluster Node 20, and as such, is

responsible for management of the connections between a Remote Client 80 and the Cluster Node 20 via Router Node 10. The Session Table on the Router Node 10 encodes the inbound and outbound address translations for a data packet received from or routed to a Remote Client 80. As discussed above, like the Router Node 10, the Cluster Node 20 contains a Session Table with entries associated with the particular Cluster Node 20. In addition, such Session Table entries may include information regarding an operation that may need to be performed on an incoming packet on a particular session, i.e., IPSec.

#### Filter Agents

[0026] The Filter Agent, located on the Router Node 10, performs address translation to route packets within the SAN cluster 20 and the LAN 30. The Filter Agent 140 is separate and apart from the RMA 130.

#### Monitoring Agents

[0027] The Monitoring Agent 236, residing within the NMA 230 solely on the Cluster's Management Node 28, enables Management Node 28 to query the Router Node 10 regarding statistical information. The Monitoring Agent 236 allows the monitoring things like traffic levels, error rates, utilization rates, response times, and like the for the Cluster Node 20 and Router Node 10. Such Monitoring Agents 236 could be queried to determine what was happening at any particular node to see if there is overloading, bottlenecking, or the like, and if so, to modify the PMA 136 instructions or the load balancing policy accordingly to more efficiently process the LAN/SAN processing.

#### Routing Agents

[0028] The Routing Agent 132, located on the Router Node 10, is the software component that is part of the RMA 130 and is responsible for maintaining the Policy Table and policies. The Routing Agent 132 works in conjunction with the Filter Agent 140 to direct incoming TCP/IP service requests and data to the appropriate Cluster Node 20.

[0029] FIGS. 7-9 represent the SAN packets that travel between the edge device (Router Node 10) and the Cluster Nodes 20 on the SAN 40. These packets do not appear out on the LAN. The LAN packets as they are received from the LAN can be described in the following short hand format "(MAC(IP(TCP(BSD(User data))))).", where you have a MAC header with

its data, which is, an IP header with its data, which is a TCP header with its data, which is a Berkley Socket Design (BSD) with its data, which is the user data. When a TCP/IP request comes in from the LAN, the information from the request is looked up in the Session Table to find the connection using the source (SRC) MAC, SRC IP, SRC TCP and find the destination (DEST) SAN and Session Handle. Then, the payload data unit (PDU) is taken from the TCP packet and placed in the SAN packet as its PDU, i.e., (BSD(User data)), via a Scatter/Gather (S/G) entry. A S/G list/entry is a way to take data and either scatter the data into separate memory locations or gather it from separate memory locations, depending upon whether one is placing data in or taking data out, respectively. For example, if there were a hundred bytes of data, and the S/G list indicated that 25 bytes were at location A, and 75 bytes were at location B, the first 25 bytes of data would end up in A through A+24, and the next seventy-five would be placed starting at location B. The format of the SAN packets that are sent out over the SAN can be either (SAN(User data)) or (SAN(BSD(User data))).

**[0030]** The foregoing disclosure and description of the disclosed embodiment are illustrative and explanatory thereof, and various changes in the agents, nodes, tables, policies, protocols, components, elements, configurations, and connections, as well as in the details of the illustrated architecture and construction and method of operation may be made without departing from the spirit and scope of the invention.

## CLAIMS:

We claim:

1. A server network architecture, the architecture comprising:  
a plurality of cluster nodes connected via a SAN-based protocol; and  
at least one router node bridging the plurality of cluster nodes to a LAN.
2. The architecture of claim 1, wherein the router node is connected to the LAN via a LAN-based protocol.
3. The architecture of claim 2, wherein the LAN-based protocol is TCP/IP.
4. The architecture of claim 1, wherein the router node is connected to the plurality of cluster nodes via a SAN-based protocol.
5. The architecture of claim 4, wherein the SAN-based protocol is INFINIBAND.
6. The architecture of claim 1, wherein a first router node and a second router node bridge the plurality of cluster nodes to the LAN.
7. The architecture of claim 6, wherein the second router node bridges to the plurality of cluster nodes after the first router node fails-over to the second router node.
8. The architecture of claim 6, wherein the first and second router node bridges to the plurality of cluster nodes in parallel.
9. The architecture of claim 1, wherein the router node comprises a session management agent for maintaining session information for sessions between the router node and a cluster node of the plurality of cluster nodes.
10. The architecture of claim 1, wherein the router node comprises a policy management agent for maintaining connection information and routing policies for the plurality of cluster nodes.

11. The architecture of claim 1, wherein the router node comprises a routing agent for maintaining connection information for the plurality of cluster nodes.

12. The architecture of claim 1, wherein the router node comprises a filter agent for bi-directional conversion between the SAN based protocol and a LAN based protocol.

13. The architecture of claim 1, wherein at least one cluster node comprises a management node for setting routing policies on the router node.

14. The architecture of claim 13, wherein the management node comprises a monitoring agent for obtaining statistics from the router node.

15. The architecture of claim 1, wherein a cluster node of the plurality of cluster nodes comprises a session management agent for holding session information.

16. The architecture of claim 1, wherein a cluster node comprises a policy management agent for maintaining routing policies for the plurality of cluster nodes.

17. A method of bridging a remote LAN client and a SAN cluster node, comprising the steps of:

receiving a LAN protocol communication from the remote LAN client;

transforming the LAN protocol communication into a SAN protocol communication; and

sending the SAN protocol communication to a SAN cluster node.

18. The method of claim 17, further comprising the step of:

establishing a connection between the remote LAN client and the SAN cluster node.

19. The method of claim 17, further comprising the step of:

maintaining statistical information for the SAN cluster node.



20. A method of bridging a SAN cluster node and a remote LAN client, comprising the steps of:

- receiving a SAN protocol communication from the SAN cluster node;
- transforming the SAN protocol communication into a LAN protocol communication; and
- sending the LAN protocol communication to the remote LAN client.

21. The method of claim 20, further comprising the step of:  
establishing a connection between the SAN cluster node and the remote LAN client.

22. A router comprising:  
a session management agent to maintain session information for sessions with a plurality of cluster nodes over a LAN;  
a routing agent to maintain connection information for the plurality of cluster nodes connected via a SAN-based protocol; and  
a filter agent to covert between the SAN-based protocol and a LAN-based protocol.

23. The router of claim 22, further comprising:  
a policy management agent to maintain routing policies for the plurality of cluster nodes.

## ABSTRACT

**[0031]** A system provides a router node to bridge a LAN and a System Area Network (SAN). The router node distributes LAN traffic across the SAN using a router management agent (RMA) and a filter agent (FA); the RMA includes a session management agent (SMA), a policy management agent (PMA) and a routing agent (RA); the SMA manages connections between remote clients and SAN nodes; the PMA maintains system operation policies; the RA with the FA direct LAN packets to SAN nodes; the FA handles conversion between a SAN protocol and a LAN protocol for packets within the SAN/LAN architecture. The cluster nodes include a node management agent (NMA); the NMA includes an SMA and PMA; these two agents perform the same functions as those in the router node; and a management node sets policies on the router node and includes a monitoring agent to query router node statistics.

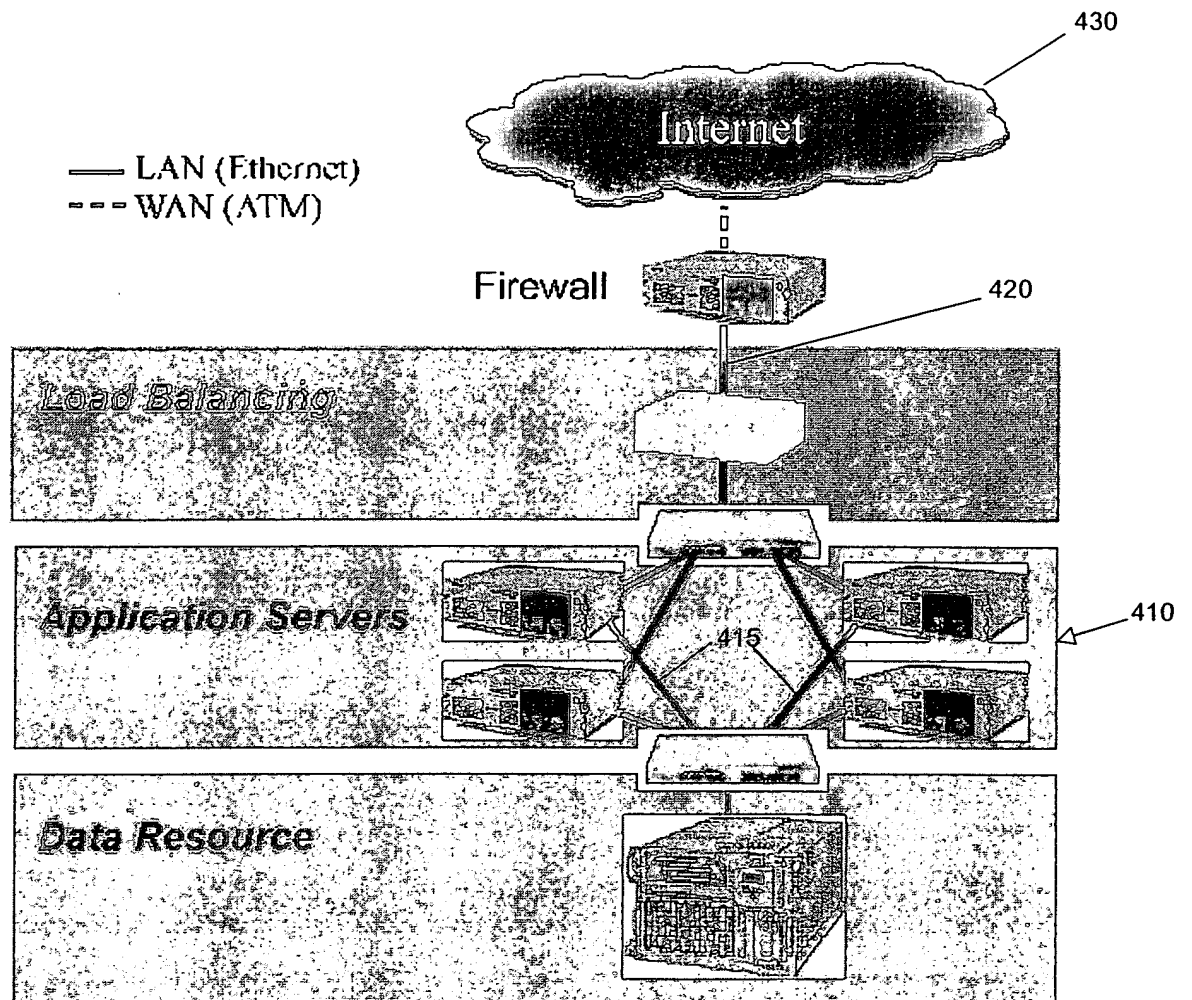
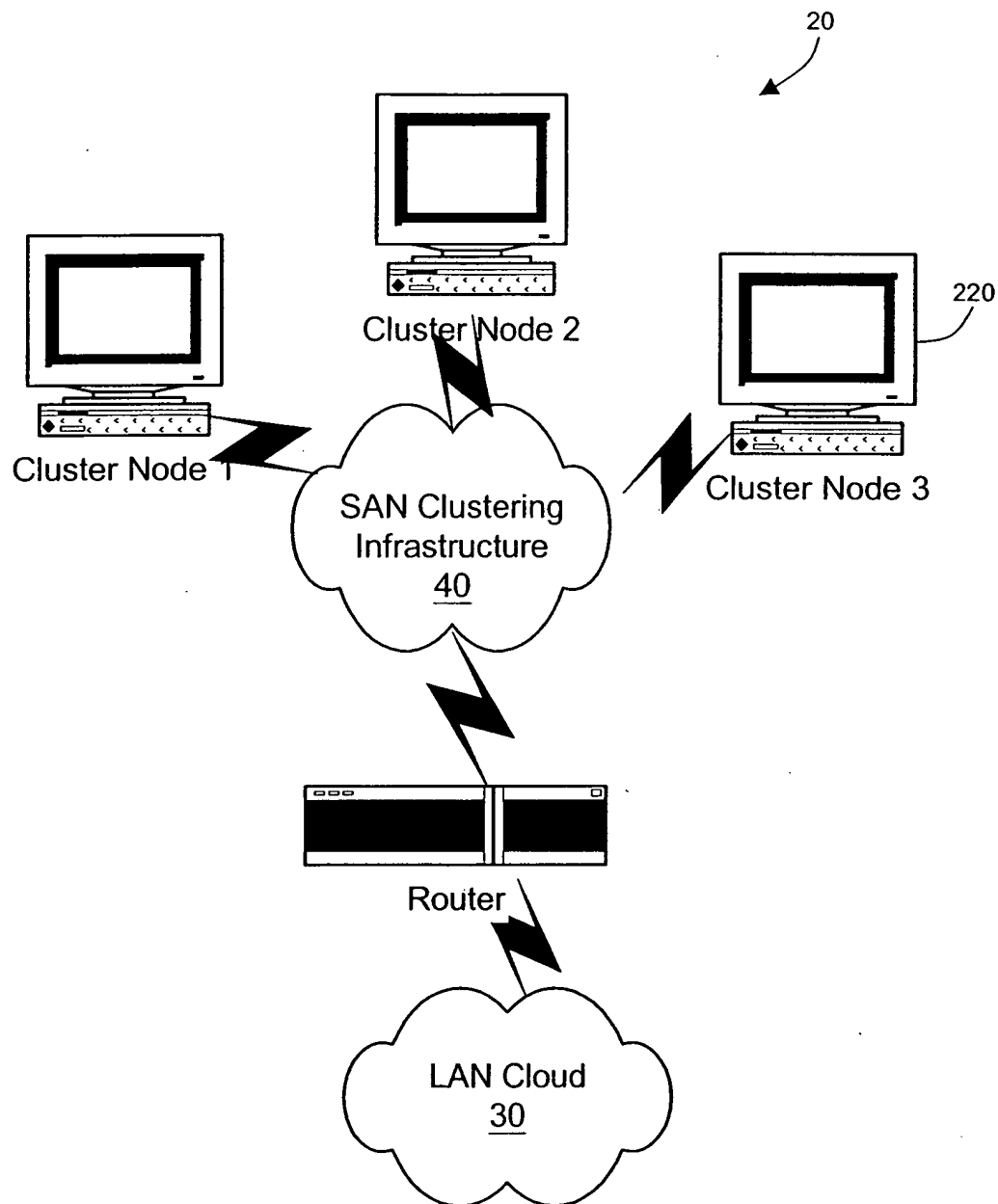


Fig. 1



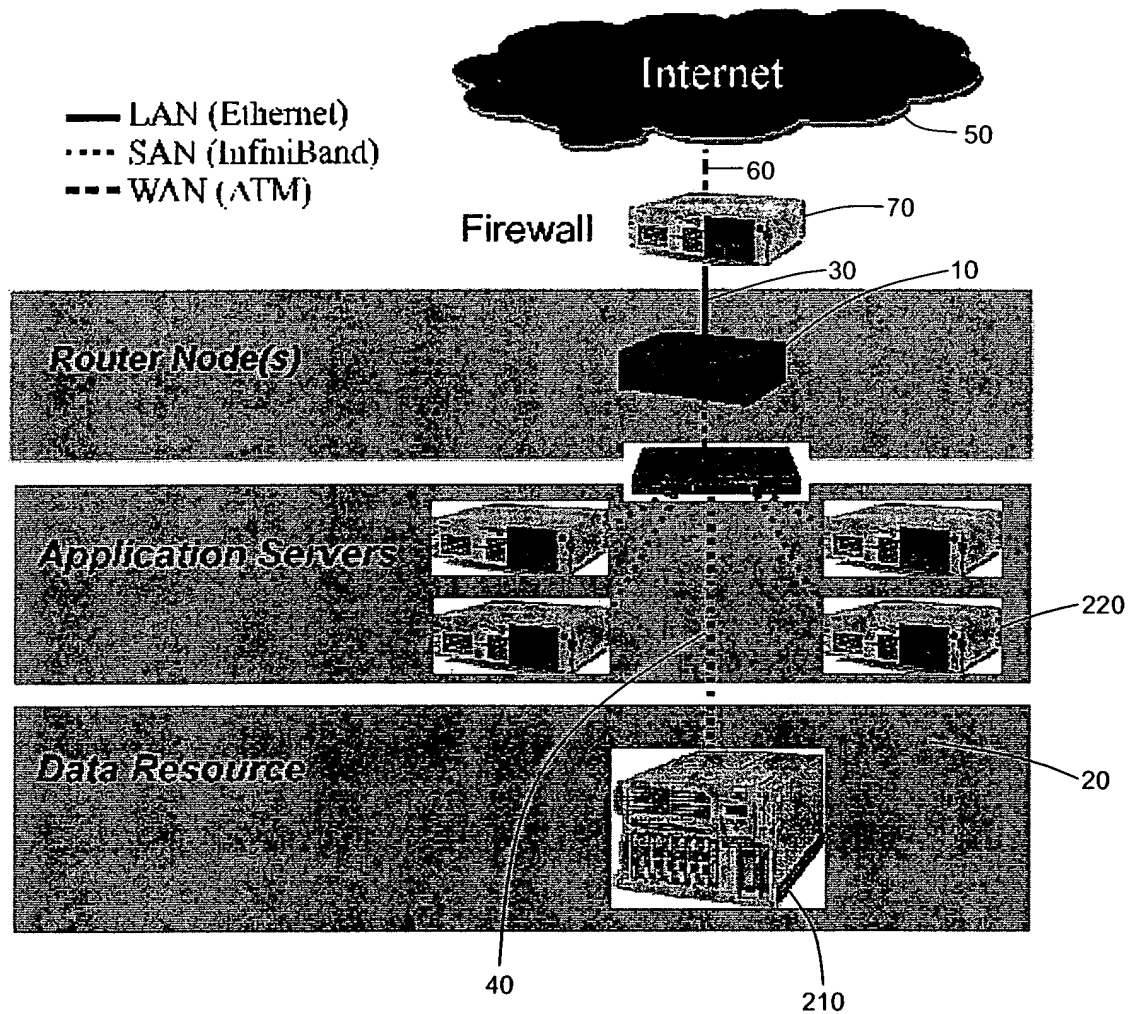


Fig. 3

Fig. 4

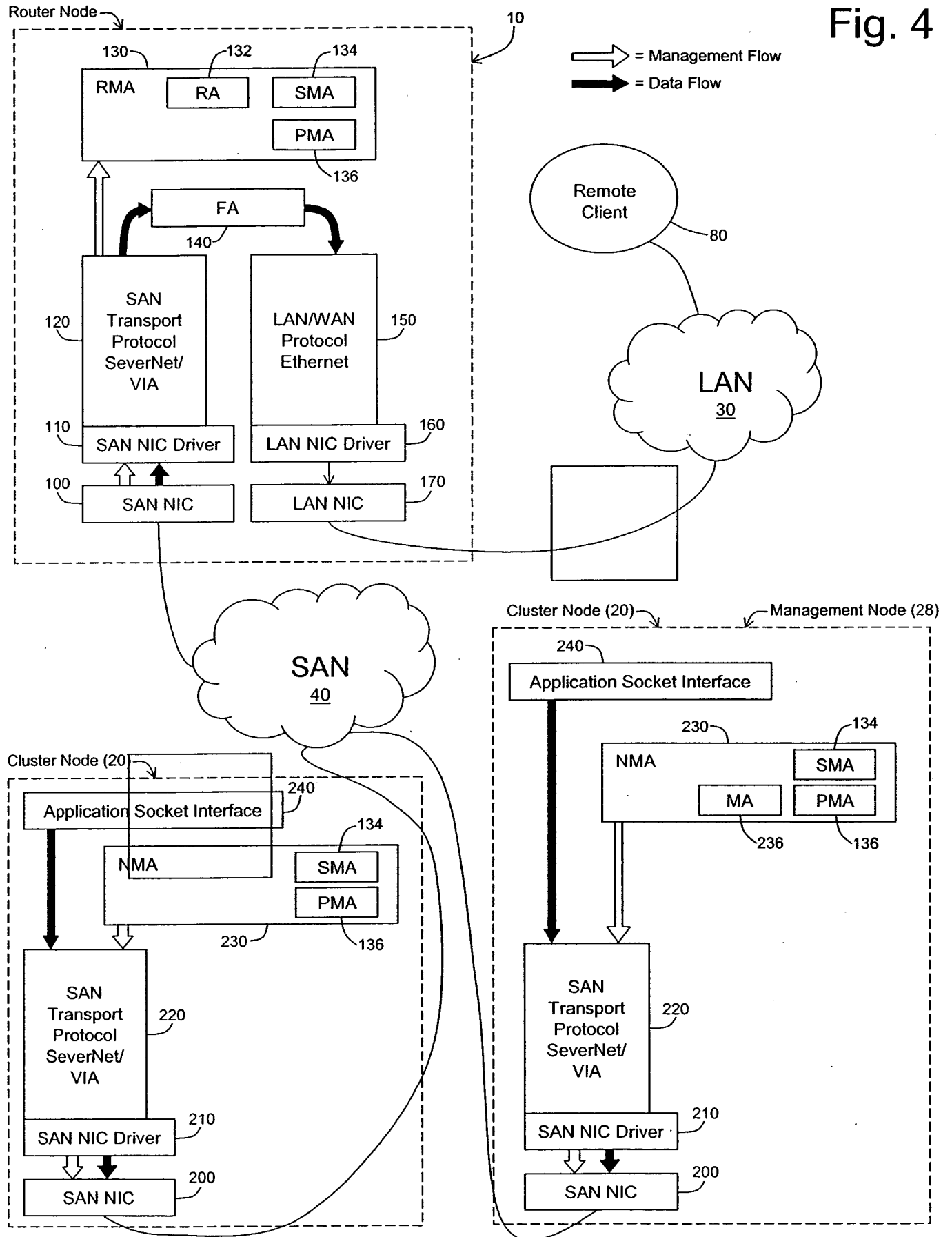


Fig. 5

Policy Table

Services	Eligibility	SAN address	Weight
http	No Authorization Required	Clust Node 1	Allocate Twice
ftp	No Authorization Required	Clust Node 2	Allocate Once
SAP	Authorization Required	Clust Node 1	Allocate Once

Fig. 6

Session Table

SRC MAC Add	SRC IP Add	SRC TCP Sock #	DEST SAN Add	Session Handle
Rem Clnt1 MAC	Rem Clnt1 IP	Rem Clnt1 Sock #	Clust Node1	Session Handle1
Rem Clnt2 MAC	Rem Clnt1 IP	Rem Clnt1 Sock #	Clust Node2	Session Handle2
Rem Clnt2 MAC	Rem Clnt1 IP	Rem Clnt1 Sock #	Clust Node3	Session Handle3

Fig. 7

**Cluster Node Management Election Packet**

Broadcast from the Cluster Nodes:

0		1		2		3	
Source IP address							
Destination IP address							
Priority				Cluster ID			
Packet Type				Function			
Router IP address (N/A)							
Management Node IP address (N/A)							
Source Port (N/A)				Destination Port (N/A)			

Fig. 8

**Router Node Management Election Acknowledge Packet**

Reply from the Router Node

0	1	2	3
Source IP address			
Destination IP address			
Priority (N/A)		Cluster ID	
Packet Type		Function	
Router IP address			
Management Node IP address (N/A)			
Source Port (N/A)		Destination Port (N/A)	

Fig. 9

**Management Node Notification Packet**

Sent from the Router Node to the Cluster Nodes

0	1	2	3
Source IP address			
Destination IP address			
Priority (N/A)		Cluster ID	
Packet Type		Function	
Router IP address			
Management Node IP address			
Source Port (N/A)		Destination Port (N/A)	



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3. On November 21, 2002, I left a voicemail for co-inventor Jeffrey Hilland, as well as a follow up email on November 22, 2002, requesting any additional information he may have to help us locate Mr. Johnson. On the same date, Mr. Hilland responded to my email providing a middle name of "Conrad" for Mr. Johnson (*see Exhibit A* attached).

4. On November 25, 2002, I contacted Dell Computer Corporation and left a message for a "Scott Johnson" to see if he was the co-inventor of this application, since the last known address of Mr. Johnson was in Round Rock, Texas. Mr. Johnson returned my telephone call and indicated he never worked for CITG (*see notes attached as Exhibit B*).

5. On December 17, 2002, I performed a paid "Basic Locate People" search on [www.ussearch.com](http://www.ussearch.com) using the full name of Scott Conrad Johnson, approximate age: 40, and state: Texas, as my search criteria. The results indicated only one Scott Conrad Johnson in the state of Texas, located at 3612 Galena Hills Loop, Round Rock, Texas 78681, however a phone number was not provided (*see US Search results attached as Exhibit C*).

6. On December 17, 2002, I sent a letter via certified mail, return receipt requested, to Scott C. Johnson at his present home address requesting that he execute a Declaration and an Assignment conveying his interests in the above-identified patent application to CITG (*see Exhibits 1 and 2* attached to Request for Reconsideration). Also enclosed with the letter was a copy of the above-referenced patent application as filed with formal drawings.

7. On December 30, 2002, in an effort to avoid filing this Request for Reconsideration, I contacted Elaine Hammond, who is employed by the Assignee in Austin, Texas, to see if she knew where Mr. Johnson is employed. Ms. Hammond returned my call and informed me at approximately 1:45 p.m. this afternoon that Mr. Johnson is President of a newly formed company named Surgient Networks, Inc. located at 8303 Mopac, Suite C300, Austin, Texas 78759 (*see notes and printout of Surgient Networks website attached as Exhibit D*). With this information, I immediately contacted Surgient Networks and through an automated system, left a detailed voicemail message for Mr. Scott C. Johnson asking for his cooperation in signing and faxing back the Declaration. Additionally, I asked that he return my call if for any reason he refused to sign the Declaration. As of 5:30 p.m. CST, my call has not been returned. I again attempted to reach Mr. Scott C. Johnson at his last known home telephone number of (512) 310-

9311, however, this time an answering machine recording stated “you have reached Shannon and Branna,” and hearing this information, I did not leave a message (*see* notes on attached **Exhibit E**).

8. As of the filing of this Request for Reconsideration, no response has been received from Mr. Johnson.

**Facts Provided in Declaration of Rochelle M. Pleasant (filed 09/06/2002)**

9. On April 5, 2002, I attempted to contact Mr. Scott C. Johnson at his last known home telephone number of (512) 310-9311, and received a recording stating that the telephone number I dialed was disconnected. I then called directory assistance in Houston, Austin, Dallas, and Round Rock areas in an attempt to locate Mr. Johnson, to no avail. Further, I performed an Internet search on [www.theultimatewhitepages.com](http://www.theultimatewhitepages.com) (a searchable website using five different search engines), and after contacting some of the Scott C. Johnson’s listed in Texas, was not able to locate the Scott C. Johnson who used to be employed by CITG (*see* **Exhibit F** attached).

10. On April 24, 2002, I again contacted the last known home telephone number of (512) 310-9311 and this time received an answering machine. I left a detailed voicemail message for Mr. Johnson as to the nature of my call and requested that he return my telephone call. Another message was left on May 6, 2002 (*see* notes on **Exhibit E** attached). The calls went unreturned.

11. On July 12, 2002, I emailed CITG in the normal course of business with the July 8, 2002 filing of the Transmittal of Missing Parts indicating that we were still attempting to locate and contact Mr. Johnson, co-inventor of this application (*see* **Exhibit G** attached).

12. On or about August 1, 2002, the undersigned’s office received the Notice of Incomplete Reply (mailed by the PTO on July 24, 2002). Further searches were performed via directory assistance and the Internet in an attempt to locate the co-inventor, Mr. Scott C. Johnson (*see* printouts attached as **Exhibit H**).

13. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: 12-30-2002

Rochelle M. Pleasant  
Rochelle M. Pleasant, CLA, Prosecution Paralegal  
Akin Gump Strauss Hauer & Feld LLP

**Pleasant, Rochelle**

---

**From:** Hilland, Jeff [Jeff.Hilland@hp.com]  
**Sent:** Friday, November 22, 2002 5:03 PM  
**To:** Pleasant, Rochelle  
**Subject:** FW: P99-2712 - Scott C. Johnson (co-inventor)

FYI: Confirmed Middle name!!  
-Jeff

-----Original Message-----

**From:** Hudson, Chuck (Austin)  
**Sent:** Friday, November 22, 2002 4:56 PM  
**To:** Hilland, Jeff  
**Subject:** FW: P99-2712 - Scott C. Johnson (co-inventor)

-----Original Message-----

**From:** Hammonds, Elaine  
**Sent:** Friday, November 22, 2002 4:52 PM  
**To:** Hudson, Chuck (Austin)  
**Subject:** RE: P99-2712 - Scott C. Johnson (co-inventor)

*Conrad (as in Thomas-Conrad) is his middle name.*

*Elaine Hammonds  
Administrative Assistant  
Industry Standard Servers - Austin  
Hewlett-Packard Corporation  
(512) 432-8634  
elaine.hammonds@hp.com*

-----Original Message-----

**From:** Hudson, Chuck (Austin)  
**Sent:** Friday, November 22, 2002 3:31 PM  
**To:** Hammonds, Elaine  
**Subject:** FW: P99-2712 - Scott C. Johnson (co-inventor)

Elaine,

Would you know?

Chuck H.

-----Original Message-----

**From:** Hilland, Jeff  
**Sent:** Friday, November 22, 2002 11:15 AM  
**To:** Hudson, Chuck (Austin)  
**Cc:** Pleasant, Rochelle

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**Subject:** RE: P99-2712 - Scott C. Johnson (co-inventor)

Chuck: Do you happen to know Scott Johnson's middle name or where he went? This is an *old* patent we worked on together years ago...

Thanks,  
Jeff

-----Original Message-----

**From:** Pleasant, Rochelle [mailto:rpleasant@AKINGUMP.COM]

**Sent:** Friday, November 22, 2002 9:38 AM

**To:** Hilland, Jeff

**Subject:** P99-2712 - Scott C. Johnson (co-inventor)

**Importance:** High

I left you a voicemail yesterday, but thought I would email you as well. By chance, do you know where Scott Johnson works, or at least his middle name? The information provided by HR shows Scott living in Round Rock, TX. I do find one Scott Conrad Johnson, who is 47 years old -- do you think that might be him? I do not know his date of birth, so I have no way of confirming.

I have been unable to locate him to sign the Declaration for the referenced application, so I have to Petition the Patent Office to accept the Declaration signed by you and the other co-inventors on his behalf.

Any information you can provide would be greatly appreciated! Thank you, Jeff.

***Rochelle M. Pleasant, CLA***

***Patent Prosecution Paralegal***

Intellectual Property Section

Akin, Gump, Strauss, Hauer & Feld, LLP

Houston, Texas

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Middle Initial

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johnson

City

State

Approx. Age (req)

Round Rock

Texas

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-Basic Background

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### Search Results - 7 Records Found

Option 1 - Click on the name to get the **current or historical address**. (From \$9.95)

Option 2 - Basic address information for all records: [Click here](#). (\$14.95 - Internet Only)

# Name

City

1 [SCOTT CONRAD JOHNSON](#)

ROUND ROCK

2 [SCOTT LAWRENCE JOHNSON](#)

ROUND ROCK

3 [SCOTT ALAN JOHNSON](#)

ROUND ROCK

4 [SCOTT MICHAEL JOHNSON](#)

ROUND ROCK

5 [SCOTT JOHNSON](#)

ROUND ROCK

6 [SCOTT RANDELL JOHNSON](#)

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7 [SCOTT JOHNSON](#)

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Del Comp Corp.

512-338-4400 - main #

9:00am LWRM Nat'l Products Support

7c from Scott → never worked  
for Comp pg.



**Pleasant, Rochelle**

---

**From:** US Search [confirmation@ussearch.com]  
**Sent:** Tuesday, December 17, 2002 9:35 AM  
**To:** rpleasant@akingump.com  
**Subject:** Order Confirmation

Dear Rochelle Pleasant,

Thank you for placing your order with US SEARCH! Your order was placed at 12/17/2002 07:34:59 AM PST

Your Sales Order Number is : 70863076  
Your Order Tracking Number is : Q41H287

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Thanks again for making US SEARCH your trusted information partner! Sincerely,

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12/17/2002

## Pleasant, Rochelle

---

**From:** cservice@ussearch.com  
**Sent:** Tuesday, December 17, 2002 9:35 AM  
**To:** rpleasant@akingump.com  
**Subject:** Search Results from USSearch.com

Dear Customer,

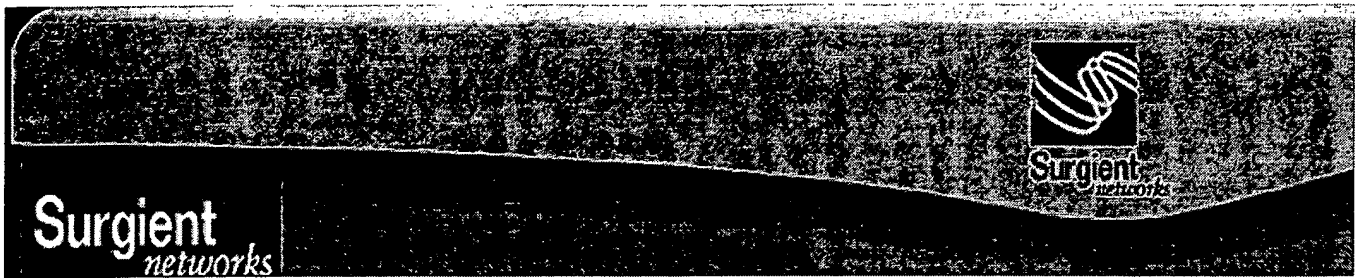
Thank you for ordering US SEARCH's Product.

The below copy of your search results have been emailed for your convenience.

### Search Results:

#	Name	Gender	Street Address	City	State	Zip	Phone
1	<u>SCOTT CAMERON JOHNSON</u>	M	11643 CHUCKSON DR	HOUSTON	TX	77065	
2	<u>SCOTT CONRAD JOHNSON</u>	M	3612 GALENA HILLS LOOP	ROUND ROCK	TX	78681	
3	<u>SCOTT CAMERON JOHNSON</u>	M	10120 FM 346 WEST RR 02 BOX 5	PILOT POINT	TX	76258	
4	<u>SCOTT CARY JOHNSON</u>	M	HIGHWAY 271N AND FM 906	POWDERLY	TX	75473	
5	<u>SCOTT CARY JOHNSON</u>	M	2832 BELHAVEN DR RT 1 BOX 505	POWDERLY	TX	75473	
6	<u>SCOTT CARLTON JOHNSON</u>	M	2016 PRIMROSE ST	HOUSTON	TX	77004	
7	<u>SCOTT CHARLES JOHNSON</u>	M	8609 MOYE DR	EL PASO	TX	79925	
8	<u>SCOTT CARL JOHNSON</u>	M	8529 HOLLY ST	FRISCO	TX	75034	
9	<u>SCOTT CHARLES JOHNSON</u>	M	14100 THERMAL DR UNIT 1401	AUSTIN	TX	78728	
10	<u>SCOTT CHARLES JOHNSON</u>	M	215 BROUGHTON DR	WOODWAY	TX	76712	
11	<u>SCOTT CHARLES JOHNSON</u>	M	340 MILL CREEK CIR	WOODWAY	TX	76712	
12	<u>SCOTT CURTIS JOHNSON</u>	M	4706 TAMMY DR	WICHITA FALLS	TX	76306	
13	<u>SCOTT CURTIS JOHNSON</u>	M	7901 DURGANS HILL CT	FORT WORTH	TX	76137	
14	<u>SCOTT C JOHNSON</u>	M	17718 FIFE LN	WEBSTER	TX	77598	
15	<u>SCOTT CHARLES JOHNSON</u>	M	3111 PARKER 311	AUSTIN	TX	78741	
16	<u>SCOTT CHARLES JOHNSON</u>	M	602 SALEM LN UNIT	AUSTIN	TX	78741	
17	<u>SCOTT CASEY JOHNSON</u>	M	317 TANGLEWOOD LN	LEWISVILLE	TX	75077	
18	<u>SCOTT CASEY JOHNSON</u>	M	328 E SW PKWY 228	LEWISVILLE	TX	75067	

12/17/2002



## New Site Coming Soon

### Headquarters

8303 Mopac, Suite C300  
Austin, TX 78759

1-877-SURGIENT (1-877-787-4436) or  
512.241.4600 (phone)  
512.241.4700 (fax)

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12-30-02  
1:45 pm -

Per Elaine w/ HP,  
Scott Johnson is President of  
SURGIANT NETWORK  
(www-surgient.com)

printout

1:50pm Automated system - x4612 is Scott Johnson  
- "not available to answer call"  
3:26pm - attempted Scott again  
answering machine → LDM for Scott to pls  
sign & fax back  
4:27pm

Diff.

MEMORANDUM

TO:

FROM:

DATE 4/24/02

RE: 52417-1136

prakash@rlx.com

✓ Rambhishna Prakash: 2-492-6301 -hm  
237p LDVM - either send email or go to CL to sign  
4/25 RC 2-863-2175 office → 5/6: am  
957 pm

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James Fouts = 425-641-4791 -hm  
239p LDVM to either send email + date  
4/25 1021am - RC fax: 425-558-3399  
office: 425-558-3307

Scott C. Johnson = 512-310-9311

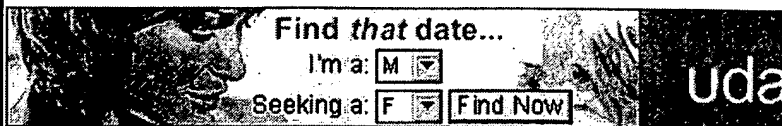
245pm LDVM

5/6: 315pm - LDVM

12/30: VM states "you're Shannon + Branna"  
- must be wrong #.

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## People Search Results

2 people found ((1-2 shown))

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### Johnson, Dianne

3102 Dawn Mesa Ct  
Round Rock, TX 78664-3823  
(512)238-8778

[Email, Maps and What's Nearby](#)  
[Is this an old classmate?](#)

[Update this listing](#)

### Johnson, Scott

3102 Dawn Mesa Ct  
Round Rock, TX 78664-3823  
(512)238-8778

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## People Search Results

1 people found (1-1 shown)

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**Johnson, Scott**

8615 Sea Ash Cir

Round Rock, TX 78681-3433

(512)255-5836

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## ▲ Scott Johnson in Round Rock, TX

2 people found (1-2 shown)

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### Johnson, Scott

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Round Rock, TX 78681-3433  
(512)255-5836

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Find A Date



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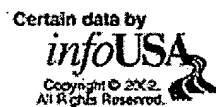
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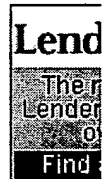
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middle name:  
Conrad??  
married??





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**Purchase Options:** ▶ [Buy All \( \\$9.95 \)](#) ▶ [Pay for a Day \( \\$29.95 \)](#)

	Price	Name	Location
1.	<a href="#">\$ 2.95</a>	<a href="#">JOHNSON SCOTT C&amp; JOHNSON NANCY E</a>	ROUND ROCK ,T.
2.	<a href="#">\$ 2.95</a>	<a href="#">JOHNSON SCOTT CONRAD</a>	ROUND ROCK ,T.

**2 Matches Found**

Searching: **Scott Johnson** | City: **Round Rock** | State: **TX**

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## The Ultimate People Finder

**4 Matches Found**

Searching: **scott C. johnson** | State: TX

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**Purchase Options:** ► [Buy All \( \\$9.95 \)](#) ► [Pay for a Day \( \\$29.95 \)](#)

	Price	Name	Location
1.	\$ 2.95	<a href="#">JOHNSON SCOTT C</a>	HOUSTON ,TX
2.	\$ 2.95	<a href="#">JOHNSON SCOTT C &amp; JOHNSON NANCY E</a>	ROUND ROCK ,T.
3.	\$ 2.95	<a href="#">JOHNSON SCOTT C</a>	WOODWAY ,TX
4.	\$ 2.95	<a href="#">JOHNSON SCOTT C</a>	HOUSTON ,TX

**4 Matches Found**

Searching: **scott C. johnson** | State: TX

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## Pleasant, Rochelle

---

**From:** Pleasant, Rochelle  
**Sent:** Friday, July 12, 2002 3:58 PM  
**To:** 'Patent.Pros@hp.com'  
**Cc:** Clonts, David R; Jordan, George W; Boyd, Brent  
**Subject:** P99-2712 Transmittal of Missing Parts w/Assignment

**Re:** U.S. Patent Application Serial No. 10/039,125  
**Entitled:** Architectural Basis for the Bridging of SAN and LAN Infrastructures  
**Inventor(s):** Ramkrishna Prakash, David M. Abmayr, Jeffrey H. Hilland, James Fouts, Scott C. Johnson and William F. Whiteman  
**Compaq ref.:** P99-2712 (ISSG-SPD)  
**Our ref:** 052617.1136  
**Applicant:** Compaq - Houston

We have made several attempts to reach co-inventor Scott C. Johnson. We are going to prepare a Petition to support our efforts to allow the signatures of the other co-inventors to be accepted on Mr. Johnson's behalf.



1136 Trans MP.pdf  
(452 KB)



1136 Formal  
Darw.pdf (345 KB)



1136 filed



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ssignmt.pdf (483 K. Time.pdf (216 KB)

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Begin your Search - Enter the last known information on the person you are searching for:

First Name	Middle Initial	Last Name(req)	Search Type
Scott	C	Johnson	<input checked="" type="radio"/> People Locate
City	State	Approx. Age (req)	<input type="radio"/> Background Search
	Texas	40	<input type="button" value="Search"/>

Select the person you are searching for:

☒ E-Mail Results to a Friend

**Search Results - 18 Records Found**

Option 1 - Click on the name to get the **current or historical address**. (From \$9.95 - Internet Only)  
Option 2 - Basic address information for all records: [Click here](#). (\$14.95 - Internet Only) [Sample Report](#)

#	Name	City	State	Age
1	<a href="#">SCOTT CAMERON JOHNSON</a>	HOUSTON	TX	56
2	<a href="#">SCOTT CONRAD JOHNSON</a>	ROUND ROCK	TX	47
3	<a href="#">SCOTT CAMERON JOHNSON</a>	PILOT POINT	TX	46
4	<a href="#">SCOTT CARY JOHNSON</a>	POWDERLY	TX	43
5	<a href="#">SCOTT CARY JOHNSON</a>	POWDERLY	TX	43
6	<a href="#">SCOTT CARLTON JOHNSON</a>	HOUSTON	TX	43
7	<a href="#">SCOTT CHARLES JOHNSON</a>	EL PASO	TX	43
8	<a href="#">SCOTT CARL JOHNSON</a>	FRISCO	TX	40
9	<a href="#">SCOTT CHARLES JOHNSON</a>	AUSTIN	TX	40
10	<a href="#">SCOTT CHARLES JOHNSON</a>	WOODWAY	TX	39
11	<a href="#">SCOTT CHARLES JOHNSON</a>	WOODWAY	TX	39
12	<a href="#">SCOTT CURTIS JOHNSON</a>	WICHITA FALLS	TX	39
13	<a href="#">SCOTT CURTIS JOHNSON</a>	FORT WORTH	TX	39
14	<a href="#">SCOTT C JOHNSON</a>	WEBSTER	TX	35
15	<a href="#">SCOTT CHARLES JOHNSON</a>	AUSTIN	TX	32

TX Search

scott c. Johnson

16	<a href="#"><u>SCOTT CHARLES JOHNSON</u></a>	AUSTIN	TX	32
17	<a href="#"><u>SCOTT CASEY JOHNSON</u></a>	LEWISVILLE	TX	23
18	<a href="#"><u>SCOTT CASEY JOHNSON</u></a>	LEWISVILLE	TX	23

Option 1 - Click on the name to get the **current or historical address**. (From \$9.95 - Internet Only)  
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**Begin your Search - Enter the last known information on the person you are searching for:**

First Name	Middle Initial	Last Name(req)	Search Type
<input type="text" value="Scott"/>	<input type="text" value="C"/>	<input type="text" value="Johnson"/>	<input checked="" type="radio"/> People Locate
City	State	Approx. Age (req)	<input type="radio"/> Background Search
<input type="text"/>	<input type="text" value="Select all States"/>	<input type="text" value="45"/>	<input type="button" value="Search"/>

**Select the person you are searching for:**

☒ E-Mail Results to a Friend

**Search Results - 73 Records Found**

Option 1 - Click on the name to get the **current or historical address**. (From \$9.95 - Internet Only)

Option 2 - Basic address information for all records: [Click here](#). (\$14.95 - Internet Only) [Sample Report](#)

#	Name	City	State	Age
1	<a href="#">SCOTT C JOHNSON</a>	STANTON	CA	-
2	<a href="#">SCOTT C JOHNSON</a>	CARSON	CA	-
3	<a href="#">SCOTT C JOHNSON</a>	CATHEDRAL CITY	CA	-
4	<a href="#">SCOTT C JOHNSON</a>	SAN FRANCISCO	CA	-
5	<a href="#">SCOTT C JOHNSON</a>	OXNARD	CA	47
6	<a href="#">SCOTT C JOHNSON</a>	OJAI	CA	45
7	<a href="#">SCOTT C JOHNSON</a>	LONG BEACH	CA	45
8	<a href="#">SCOTT C JOHNSON</a>	OJAI	CA	45
9	<a href="#">SCOTT C JOHNSON</a>	QUOGUE	NY	-
10	<a href="#">SCOTT C JOHNSON</a>	KINGSTON	NY	47
11	<a href="#">SCOTT C JOHNSON</a>	JAMAICA	NY	43
12	<a href="#">SCOTT C JOHNSON</a>	PORTLAND	OR	43
13	<a href="#">SCOTT C JOHNSON</a>	PORTLAND	OR	43
14	<a href="#">SCOTT COLIN JOHNSON</a>	PORTLAND	OR	44
15	<a href="#">SCOTT COLIN JOHNSON</a>	PORTLAND	OR	44

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SCOTT C. JOHNSON

AGE: 45

16	<u>SCOTT C JOHNSON</u>	EVERETT	WA	-
17	<u>SCOTT C JOHNSON</u>	EVERETT	WA	-
18	<u>SCOTT C JOHNSON</u>	CENTRALIA	WA	-
19	<u>SCOTT C JOHNSON</u>	REDMOND	WA	-
20	<u>SCOTT C JOHNSON</u>	SEATTLE	WA	-
21	<u>SCOTT C JOHNSON</u>	CARNATION	WA	-
22	<u>SCOTT C JOHNSON</u>	FEDERAL WAY	WA	-
23	<u>SCOTT C JOHNSON</u>	SEATTLE	WA	-
24	<u>SCOTT C JOHNSON</u>	BREMERTON	WA	-
25	<u>SCOTT C JOHNSON</u>	SEATTLE	WA	-
26	<u>SCOTT CHRISTOPHE JOHNSON</u>	MOUNT VERNON	WA	-
27	<u>SCOTT C JOHNSON</u>	GIRDWOOD	AK	-
28	<u>SCOTT C JOHNSON</u>	ATLANTA	GA	-
29	<u>SCOTT C JOHNSON</u>	ROSSVILLE	GA	-
30	<u>SCOTT C JOHNSON</u>	WASHINGTON	DC	-
31	<u>SCOTT C JOHNSON</u>	NAPERVILLE	IL	43
32	<u>SCOTT C JOHNSON</u>	SCHILLER PARK	IL	45
33	<u>SCOTT C JOHNSON</u>	LISLE	IL	43
34	<u>SCOTT CHRISTOPHE JOHNSON</u>	HOBART	IN	-
35	<u>SCOTT C JOHNSON</u>	WATERTOWN	WI	-
36	<u>SCOTT C JOHNSON</u>	BEAVER DAM	WI	-
37	<u>SCOTT C JOHNSON</u>	OMAHA	NE	-
38	<u>SCOTT C JOHNSON</u>	PHOENIX	AZ	-
39	<u>SCOTT C JOHNSON</u>	RIVERTON	NJ	-
40	<u>SCOTT C JOHNSON</u>	TULSA	OK	44
41	<u>SCOTT C JOHNSON</u>	YUKON	OK	44
42	<u>SCOTT C JOHNSON</u>	TULSA	OK	44
43	<u>SCOTT CHARLES JOHNSON</u>	TULSA	OK	44
44	<u>SCOTT CLAY JOHNSON</u>	OKLAHOMA CITY	OK	44
45	<u>SCOTT C JOHNSON</u>	MITCHELLVILLE	IA	-
46	<u>SCOTT C JOHNSON</u>	DES MOINES	IA	-

47	<u>SCOTT C JOHNSON</u>	WEBSTER CITY	IA	44
48	<u>SCOTT CURTIS JOHNSON</u>	NORA SPRINGS	IA	43
49	<u>SCOTT C JOHNSON</u>	ENGLEWOOD	CO	47
50	<u>SCOTT C JOHNSON</u>	ENGLEWOOD	CO	47
51	<u>SCOTT C JOHNSON</u>	LEONARD	MI	45
52	<u>SCOTT C JOHNSON</u>	GALESBURG	MI	-
53	<u>SCOTT C JOHNSON</u>	OXFORD	MI	46
54	<u>SCOTT C JOHNSON</u>	OXFORD	MI	46
55	<u>SCOTT C JOHNSON</u>	OXFORD	MI	45
56	<u>SCOTT C JOHNSON</u>	JACKSONVILLE	NC	-
57	<u>SCOTT CONRAD JOHNSON</u>	ROUND ROCK	TX	47
58	<u>SCOTT CAMERON JOHNSON</u>	PILOT POINT	TX	46
59	<u>SCOTT CARY JOHNSON</u>	POWDERLY	TX	43
60	<u>SCOTT CARY JOHNSON</u>	POWDERLY	TX	43
61	<u>SCOTT CARLTON JOHNSON</u>	HOUSTON	TX	43
62	<u>SCOTT CHARLES JOHNSON</u>	EL PASO	TX	43
63	<u>SCOTT C JOHNSON</u>	CLEARFIELD	PA	-
64	<u>SCOTT C JOHNSON</u>	ALLENTOWN	PA	43
65	<u>SCOTT C JOHNSON</u>	THOMASVILLE	PA	43
66	<u>SCOTT C JOHNSON</u>	SPRING GROVE	PA	43
67	<u>SCOTT COREY JOHNSON</u>	SEVEN VALLEYS	PA	43
68	<u>SCOTT C JOHNSON</u>	MINNEAPOLIS	MN	-
69	<u>SCOTT CHARLES JOHNSON</u>	MANKATO	MN	43
70	<u>SCOTT CHARLES JOHNSON</u>	DALTON	MN	43
71	<u>SCOTT CRAIG JOHNSON</u>	BLOMKEST	MN	44
72	<u>SCOTT CURTIS JOHNSON</u>	MINNEAPOLIS	MN	43
73	<u>SCOTT CURTIS JOHNSON</u>	MADISON LAKE	MN	43

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**Begin your Search - Enter the last known information on the person you are searching for:**

First Name	Middle Initial	Last Name(req)	Search Type
<input type="text" value="Scott"/>	<input type="text" value="C"/>	<input type="text" value="Johnson"/>	<input checked="" type="radio"/> People Locate
City	State	Approx. Age (req)	<input type="radio"/> Background Search
<input type="text"/>	<input type="text" value="Select all States"/>	<input type="text" value="40"/>	<input type="button" value="Search"/>

**Select the person you are searching for:**

☒ E-Mail Results to a Friend

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**For:**

**"Scott C  
Johnson"**

-Criminal Records

-Property  
Ownership

-Basic Background

-More...

**Search Results - 119 Records Found**

Option 1 - Click on the name to get the **current or historical address**. (From \$9.95 - Internet Only)

Option 2 - Basic address information for all records: [Click here](#). (\$14.95 - Internet Only) [Sample Report](#)

#	Name	City	State	Age
1	<a href="#">SCOTT C JOHNSON</a>	STANTON	CA	-
2	<a href="#">SCOTT C JOHNSON</a>	CARSON	CA	-
3	<a href="#">SCOTT C JOHNSON</a>	CATHEDRAL CITY	CA	-
4	<a href="#">SCOTT C JOHNSON</a>	SAN FRANCISCO	CA	-
5	<a href="#">SCOTT C JOHNSON</a>	OXNARD	CA	42
6	<a href="#">SCOTT C JOHNSON</a>	SAN DIEGO	CA	41
7	<a href="#">SCOTT C JOHNSON</a>	ALAMEDA	CA	40
8	<a href="#">SCOTT C JOHNSON</a>	DAVIS	CA	39
9	<a href="#">SCOTT C JOHNSON</a>	SACRAMENTO	CA	39
10	<a href="#">SCOTT C JOHNSON</a>	DAVIS	CA	39
11	<a href="#">SCOTT C JOHNSON</a>	ORANGE	CA	38
12	<a href="#">SCOTT CHARLES JOHNSON</a>	OXNARD	CA	42
13	<a href="#">SCOTT CHRISTIAN JOHNSON</a>	WEST HOLLYWOOD	CA	41
14	<a href="#">SCOTT C JOHNSON</a>	QUOGUE	NY	-
15	<a href="#">SCOTT C JOHNSON</a>	FARMINGTON	NY	42



16	<u>SCOTT CHARLES JOHNSON</u>	PORTLAND	OR	40
17	<u>SCOTT C JOHNSON</u>	EVERETT	WA	-
18	<u>SCOTT C JOHNSON</u>	EVERETT	WA	-
19	<u>SCOTT C JOHNSON</u>	CENTRALIA	WA	-
20	<u>SCOTT C JOHNSON</u>	REDMOND	WA	-
21	<u>SCOTT C JOHNSON</u>	SEATTLE	WA	-
22	<u>SCOTT C JOHNSON</u>	CARNATION	WA	-
23	<u>SCOTT C JOHNSON</u>	FEDERAL WAY	WA	-
24	<u>SCOTT C JOHNSON</u>	SEATTLE	WA	-
25	<u>SCOTT C JOHNSON</u>	BREMERTON	WA	-
26	<u>SCOTT C JOHNSON</u>	SEATTLE	WA	-
27	<u>SCOTT CHRISTOPHE JOHNSON</u>	MOUNT VERNON	WA	-
28	<u>SCOTT C JOHNSON</u>	GIRDWOOD	AK	-
29	<u>SCOTT C JOHNSON</u>	ATLANTA	GA	-
30	<u>SCOTT C JOHNSON</u>	ROSSVILLE	GA	-
31	<u>SCOTT CHENEY JOHNSON</u>	DOUGLASVILLE	GA	38
32	<u>SCOTT C JOHNSON</u>	WASHINGTON	DC	-
33	<u>SCOTT CHARLES JOHNSON</u>	NORTH LAS VEGAS	NV	39
34	<u>SCOTT C JOHNSON</u>	SARASOTA	FL	42
35	<u>SCOTT C JOHNSON</u>	SARASOTA	FL	42
36	<u>SCOTT CALEN JOHNSON</u>	APOKA	FL	40
37	<u>SCOTT CALEN JOHNSON</u>	WINTER PARK	FL	40
38	<u>SCOTT CALEN JOHNSON</u>	ORLANDO	FL	40
39	<u>SCOTT C JOHNSON</u>	BLOOMINGTON	IL	38
40	<u>SCOTT C JOHNSON</u>	BLOOMINGTON	IL	38
41	<u>SCOTT C JOHNSON</u>	CHAMPAIGN	IL	40
42	<u>SCOTT C JOHNSON</u>	MORRIS	IL	38
43	<u>SCOTT C JOHNSON</u>	LOCKPORT	IL	41
44	<u>SCOTT C JOHNSON</u>	MORRIS	IL	38
45	<u>SCOTT C JOHNSON</u>	SAVOY	IL	40
46	<u>SCOTT C JOHNSON</u>	URBANA	IL	40

47	<u>SCOTT CHRISTOPHE JOHNSON</u>	HOBART	IN	-
48	<u>SCOTT C JOHNSON</u>	WATERTOWN	WI	-
49	<u>SCOTT C JOHNSON</u>	BEAVER DAM	WI	-
50	<u>SCOTT C JOHNSON</u>	MADISON	WI	41
51	<u>SCOTT C JOHNSON</u>	ALTOONA	WI	41
52	<u>SCOTT C JOHNSON</u>	BEAVER DAM	WI	40
53	<u>SCOTT C JOHNSON</u>	HUDSON	WI	40
54	<u>SCOTT C JOHNSON</u>	WAUSAU	WI	39
55	<u>SCOTT C JOHNSON</u>	RACINE	WI	39
56	<u>SCOTT C JOHNSON</u>	GREEN BAY	WI	38
57	<u>SCOTT C JOHNSON</u>	APPLETON	WI	38
58	<u>SCOTT C JOHNSON</u>	OMAHA	NE	-
59	<u>SCOTT C JOHNSON</u>	ANDOVER	MA	39
60	<u>SCOTT C JOHNSON</u>	DURHAM	NH	38
61	<u>SCOTT C JOHNSON</u>	PHOENIX	AZ	-
62	<u>SCOTT C JOHNSON</u>	OKOLONA	MS	38
63	<u>SCOTT C JOHNSON</u>	RIVERTON	NJ	-
64	<u>SCOTT C JOHNSON</u>	BRANFORD	CT	42
65	<u>SCOTT C JOHNSON</u>	CENTERBROOK	CT	42
66	<u>SCOTT C JOHNSON</u>	OKLAHOMA CITY	OK	38
67	<u>SCOTT C JOHNSON</u>	FAYETTEVILLE	AR	41
68	<u>SCOTT C JOHNSON</u>	WINFIELD	KS	40
69	<u>SCOTT C JOHNSON</u>	WINFIELD	KS	40
70	<u>SCOTT C JOHNSON</u>	HUNTSVILLE	UT	40
71	<u>SCOTT C JOHNSON</u>	MASSILLON	OH	41
72	<u>SCOTT C JOHNSON</u>	MASSILLON	OH	41
73	<u>SCOTT C JOHNSON</u>	LANCASTER	OH	39
74	<u>SCOTT C JOHNSON</u>	BEDFORD	OH	38
75	<u>SCOTT C JOHNSON</u>	MITCHELLVILLE	IA	-
76	<u>SCOTT C JOHNSON</u>	DES MOINES	IA	-
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77	<u>SCOTT CARL JOHNSON</u>	ALTOONA	IA	40
78	<u>SCOTT CARL JOHNSON</u>	ALTOONA	IA	40
79	<u>SCOTT CHARLES JOHNSON</u>	ANKENY	IA	38
80	<u>SCOTT CLAY JOHNSON</u>	BETTENDORF	IA	39
81	<u>SCOTT CLAY JOHNSON</u>	BETTENDORF	IA	39
82	<u>SCOTT C JOHNSON</u>	DENVER	CO	42
83	<u>SCOTT C JOHNSON</u>	DENVER	CO	42
84	<u>SCOTT C JOHNSON</u>	DENVER	CO	42
85	<u>SCOTT C JOHNSON</u>	ORCHARD	CO	40
86	<u>SCOTT C JOHNSON</u>	DENVER	CO	39
87	<u>SCOTT COLLINS JOHNSON</u>	KIT CARSON	CO	42
88	<u>SCOTT C JOHNSON</u>	LOUISIANA	MO	39
89	<u>SCOTT C JOHNSON</u>	IRON MOUNTAIN	MI	42
90	<u>SCOTT C JOHNSON</u>	IRON MOUNTAIN	MI	42
91	<u>SCOTT C JOHNSON</u>	GALESBURG	MI	-
92	<u>SCOTT C JOHNSON</u>	SAGINAW	MI	39
93	<u>SCOTT C JOHNSON</u>	IRON MOUNTAIN	MI	43
94	<u>SCOTT C JOHNSON</u>	SAGOLA	MI	42
95	<u>SCOTT CHARLES JOHNSON</u>	CASSOPOLIS	MI	43
96	<u>SCOTT C JOHNSON</u>	JACKSONVILLE	NC	-
97	<u>SCOTT CHRISTOPHE JOHNSON</u>	WILMINGTON	NC	40
98	<u>SCOTT CHARLES JOHNSON</u>	WILMINGTON	NC	39
99	<u>SCOTT CHARLES JOHNSON</u>	OAK RIDGE	NC	38
100	<u>SCOTT C JOHNSON</u>	CHARLOTTE	NC	42
101	<u>SCOTT CARL JOHNSON</u>	FRISCO	TX	40
102	<u>SCOTT CHARLES JOHNSON</u>	AUSTIN	TX	40
103	<u>SCOTT CHARLES JOHNSON</u>	WOODWAY	TX	39
104	<u>SCOTT CHARLES JOHNSON</u>	WOODWAY	TX	39
105	<u>SCOTT CURTIS JOHNSON</u>	WICHITA FALLS	TX	39
106	<u>SCOTT CURTIS JOHNSON</u>	FORT WORTH	TX	39
107	<u>SCOTT C JOHNSON</u>	CLEARFIELD	PA	-

108	<a href="#"><u>SCOTT C JOHNSON</u></a>	HARLEYSVILLE	PA	39
109	<a href="#"><u>SCOTT C JOHNSON</u></a>	CLEARFIELD	PA	38
110	<a href="#"><u>SCOTT C JOHNSON</u></a>	LANSDALE	PA	39
111	<a href="#"><u>SCOTT C JOHNSON</u></a>	SAINT CLOUD	MN	41
112	<a href="#"><u>SCOTT C JOHNSON</u></a>	MINNEAPOLIS	MN	-
113	<a href="#"><u>SCOTT CHARLES JOHNSON</u></a>	SAINT PAUL	MN	39
114	<a href="#"><u>SCOTT CHARLES JOHNSON</u></a>	COTTAGE GROVE	MN	38
115	<a href="#"><u>SCOTT CHARLES JOHNSON</u></a>	ELBOW LAKE	MN	39
116	<a href="#"><u>SCOTT CHRISTOPHE JOHNSON</u></a>	ELBOW LAKE	MN	39
117	<a href="#"><u>SCOTT CHRISTOPHE JOHNSON</u></a>	SAINT PAUL	MN	41
118	<a href="#"><u>SCOTT CHRISTOPHE JOHNSON</u></a>	SAINT PAUL	MN	40
119	<a href="#"><u>SCOTT CHRISTOPHE JOHNSON</u></a>	SAINT PAUL	MN	39

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